

Lesson plan (January 2024- April 2024)

Name –Dr. BABY

Class- M.A. – 4th semester

Subject – RESEARCH METHODOLOGY

Govt College Badli

Month	Topic
January	Meaning and Purpose of Research? Types of Research; Social Science Research; Identification of Research Question and Literature Surveying; Methods and Methodology in Human Geography
February	Scientific Method in Human Geography; Analytical Steps of the Scientific Method; The Routes of Scientific Explanation: Deductive and Inductive forms of reference; Explanation in Geography: Some Problems.
March	From Quantitative to Qualitative Geography; Qualitative Data Production: Interviews (Process of Interviewing, Structure interviews and informal surveys; Depth Interviewing and Working with Groups); Observation (Participant Observation and Ethnography).
April	Process of Research Report Writing; Reference styles (Harvard, Chicago), Ethics in Research.

Lesson plan (January 2024- April 2024)

Name –Dr. BABY

Class- B.A.Honours – 4th semester

Subject –STATISTICAL TECHNIQUES IN GEOGRAPHY

Govt College Badli

Month	Topic
January	Meaning of statistics; classification and tabulation of statistical data; representation of statistical data: line, bar diagram, histogram ogives; significance of statistical techniques in geography.
February	Measures of central tendency: mean, median, mode; partition values: quartile, pentile and percentile
March	Measures of dispersion: mean deviation, standard deviation; co-efficient of variation; Lorenz's curve
April	Correlation (Karl Pearson and Spearman); significance testing of correlation and co-efficient of determination.

Lesson plan (January 2024- April 2024)

Name –Dr. BABY

Class- B.A. – 4th sem

Subject – Human Geography

Govt College Badli

Month	Topic
January	Nature and Scope of Human Geography , Branches of Human Geography, Approaches of Human Geography. Spatial distribution of Race and Tribes of India, men Environment relation A historical approach
February	Human adaptation to the environment (i) Cold region – Eskimo (ii) Hot region Bushman (iii) Plateau – Gonds (iv) Mountains – Gujjars 4. Meaning, nature and components of resources; Classification of resources – renewal and non- renewable ; biotic and abiotic, recyclable and non recyclable. Distribution, utilization and conservation of biotic (flora and fauna) and abiotic (water, minerals and energy) resources.
March	Distribution and density of world population, population growth, fertility and mortality patterns. 6. Concept of over, under and optimum population; Population theories: Malthus, Ricardo and Marx. S
April	Rural settlements: Meaning, classification and types. Urban settlements: Origin, classification and functions of towns. 8. Population pressure, resource use and environment degradation; sustainable development, concept of deforestation, soil erosion, air and water pollution.

Lesson plan (January 2024- April 2024)

Name –Dr. BABY

Class- B.A. – 6th semester

Subject –Introduction to Remote Sensing, GIS & Quantitative Methods

Govt College Badli

Month	Topic
January	Introduction to Aerial Photographs: their advantages and types. 2. Elements of aerial Photo interpretation.
February	Introduction to Remote Sensing; Electromagnetic spectrum, stages in remote sensing, type of satellites. 4. Types of Imageries and their application in various fields such as agriculture, environment and resource mapping.
March	Introduction to Geographical Information System: Definition, purpose, advantages and software and hardware requirements. 6. Application of GIS in various fields of geography.
April	Measure of Central Tendency: Mean, Median and Mode. 8. Measure of Dispersion: Range, Quartile deviation and Mean deviation, Standard deviation, Coefficient of variation.